

## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **LISTING OF CLAIMS:**

1        Claim 1 (currently amended): A call processing method utilizing a telephone network,  
2        comprising the steps of:  
3                    operating a telephone switch to detect receipt of an incoming  
4        telephone call on a subscriber telephone line;  
5                    in response to detecting an incoming telephone call on the subscriber  
6        telephone line, operating the telephone switch to transmit a message to a service  
7        control point indicating receipt of a call on the subscriber telephone line;  
8                    operating the service control point to transmit a message to a first  
9        computer in response to the message transmitted by said telephone switch; and  
10                   operating the first computer to select a first party to service the  
11        incoming call, wherein the first computer is a network server serving the telephone  
12        network without being dedicated to solely serving any party placing or receiving a  
13        telephone call over the telephone network.

1        Claim 2 (original): The method of claim 1, further comprising:  
2                    operating the first computer to determine the availability of the first  
3        party to service the incoming call by contacting a second computer, the second  
4        computer being associated with the first party.

1        Claim 3 (original): The method of claim 2, wherein the second computer is coupled to  
2        a first telephone device by a communications link which supports computer and  
3        telephone interaction, the step of operating the first computer to determine the  
4        availability of the first party including:  
5                    obtaining telephone device status information from the second  
6        computer.

1        Claim 4 (original): The method of claim 3, further comprising:  
2                    operating the first computer to send call related information to the  
3        second computer.

1        Claim 5 (original): The method of claim 4, further comprising:  
2                    operating the first computer to send a first telephone number  
3        corresponding to the first telephone device to the service control point; and  
4                    operating the service control point to instruct the telephone switch to  
5        complete the incoming call using the first telephone number as the destination  
6        telephone number.

1        Claim 6 (original): The method of claim 5, wherein the first telephone number is  
2        different from a telephone number used to route the incoming call to said subscriber  
3        telephone line.

1        Claim 7 (original): The method of claim 1, further comprising:  
2        operating the first computer to determine from a second computer if a telephone line  
3        associated with the first party is busy.

1        Claim 8 (original): The method of claim 7, wherein determining from the second  
2        computer if the telephone line is busy includes using a telephone application  
3        programming interface to obtain telephone line status information.

1        Claim 9 (currently amended): The method of claim 7, further comprising:  
2        in response to detecting that said telephone line is busy:  
3        controlling the second computer to display a plurality of call disposition options; and  
4        operating the first computer to receive call disposition selection information from the  
5        second computer [[system]].

1        Claim 10 (original): The method of claim 9, wherein the received call disposition  
2        information includes a telephone number to which the incoming call should be  
3        completed, the method further comprising the step of:  
4                    transmitting the received telephone number to the service control  
5        point.

1        Claim 11 (original): The method of claim 10, further comprising:

2 operating the service control point to transmit the received telephone number to the  
3 telephone switch; and  
4 operating the telephone switch to complete the call to the telephone line  
5 corresponding to the received telephone number.

1 Claim 12 (original): The method of claim 11, the method further comprising:  
2 transmitting call related data to a third computer, the third computer  
3 being associated with a party to whom the received telephone number corresponds.

1 Claim 13 (original): The method of claim 9, wherein the received call disposition  
2 information includes a telephone number, the method further comprising:  
3 operating the first computer to use the received telephone number to  
4 identify a third computer; and  
5 transmitting to the third computer call related data.

1 Claim 14 (original): The method of claim 13, further comprising:  
2 transmitting the received telephone number to the service control point;  
3 operating the service control point to transmit the received telephone number to the  
4 telephone switch; and  
5 operating the telephone switch to complete the call to the telephone line  
6 corresponding to the received telephone number.

1 Claim 15 (currently amended): A communications system comprising:  
2 a telephone switch including trigger circuitry for detecting calls to a  
3 first telephone line on which a trigger is set, a first telephone number being associated  
4 with the first telephone line;  
5 a first subscriber telephone device coupled to the telephone switch by  
6 the first telephone line;  
7 a first computer coupled to the first subscriber telephone device by a  
8 communications link which supports the transmission of TAPI signals between the  
9 first computer and the first subscriber telephone device; and  
10 a second computer [[system]] coupled to the telephone switch and to  
11 the first computer, the second computer including a routine for determining, as a  
12 function of telephone line status information obtained from the first computer, a  
13 telephone number to be used to complete the routing of calls to the first telephone line  
14 which are detected by said trigger circuitry.

1 Claim 16 (currently amended): The system of claim 15, further comprising:  
2 a service control point for coupling the telephone switch to the second  
3 computer [[system]].

1 Claim 17 (original): The system of claim 15, where said trigger circuitry is  
2 terminating attempt trigger circuitry.

1 Claim 18 (original): The system of claim 17, further comprising:  
2 a first Internet Protocol based computer network for coupling the first  
3 computer to the second computer.

1 Claim 19 (currently amended): The system of claim 18, further comprising:  
2 a second Internet Protocol based computer network for coupling the  
3 second computer to the service control point; and  
4 wherein the second computer system includes a routine for controlling the  
5 transmission of call related data to the first computer [[system]] over said first  
6 Internet Protocol based computer network.

1 Claim 20 (original): The system of claim 19, further comprising;  
2 a signaling system seven communications link for coupling the service  
3 control point to said telephone switch.

1 Claim 21 (currently amended): A communications method utilizing a telephone  
2 network, comprising:  
3 triggering, in response to an incoming call, a terminating attempt  
4 trigger set on a first telephone service subscriber line corresponding to a service  
5 subscriber telephone number;  
6 contacting a service control point for call processing instructions in  
7 response to triggering of the terminating attempt trigger;

8                   operating the service control point to transmit a message including the  
9                   service subscriber telephone number to a first computer;

10                   operating the first computer to select a party to service said incoming  
11                   call, wherein the first computer is a network server serving the telephone network  
12                   without being dedicated to solely serving any party placing or receiving a telephone  
13                   call over the telephone network;

14                   operating the first computer to contact a second computer to determine  
15                   the status of a telephone line coupled to the second computer [[system]]; and

16                   performing a call routing operation as a function of the determined  
17                   status of the telephone line coupled to the second computer [[system]].

1           Claim 22 (original): The method of claim 21, wherein performing a call routing  
2           operation includes:

3                   operating the first computer to supply a telephone number to a service  
4                   control point; and

5                   routing an incoming call to a telephone line identified by said  
6                   telephone number.

1           Claim 23 (original): The method of claim 22, wherein routing an incoming call  
2           includes:

3                   operating the service control point to send a message to a telephone  
4                   switch to route the incoming call using said telephone number.

Claims 24-25 (canceled):

1      Claim 26 (previously presented): The method of claim 23, wherein the step of  
2      operating the first computer to supply a telephone number to a service control point  
3      includes:  
4                      selecting as said telephone number to be supplied to the service control  
5      point, a telephone number corresponding to the party selected to service said  
6      incoming call.